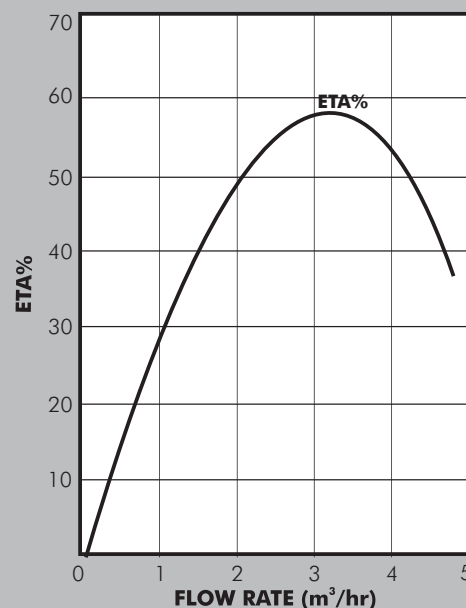
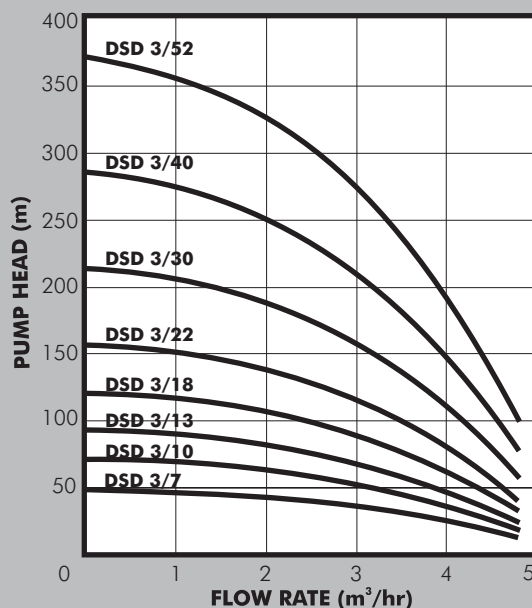




DSD3

Submersible Borehole Pump



PUMP

Dayliff DSD range of Submersible Multistage centrifugal pumps are specially designed for domestic and small scale water supply from wells and boreholes. Material of construction include plastic impellers and diffusers, AISI 201 stainless steel delivery and suction chambers and AISI 304 stainless steel pump housing, shaft and shaft coupling. These corrosion resistant materials together with the advanced hydraulic design provide the pumps with excellent sand handling capabilities for a longer life and operational efficiency. DSD 3/7, 3/10, 3/13 and 3/18 are supplied complete with 30m cable and control box.

MOTOR

The pump is coupled to a sealed liquid cooled 2-pole asynchronous squirrel-cage motor constructed of stainless steel. Motors are supplied complete with purpose designed control boxes that include the capacitor and electrical overload protection. Three phase motors require a remote DOL starter; A DAYLIFF electronic Pump Controller is recommended for comprehensive pump control including wireless low level, motor overload and irregular power supply protection.

Enclosure Class: IP68

Insulation Class: B

Speed: 2850 rpm

PUMP KITS

Pump Kits are available for the indicated* models including pump, quick connection fittings, cast aluminium well head cover, Safety rope and Dayliff SCM/SCT Controller. DSD 3/7 is supplied with 60m cable, DSD 3/10 and DSD 3/13 are supplied with 80m cable, DSD 3/18 with 100m, DSD 3/30 Kit with 135m for single phase and 150m for three phase.

OPERATING CONDITIONS

Pumped liquid: Thin, clean and chemically non-aggressive liquids

Max. Water temperature: +35°C

Max. immersion depth: 150m

Min. borehole diameter: 110mm

Max Particle Size: 2.4mm

PUMP DATA

Model	Motor		Voltage (V)	Current (A)	Istat	DN (")	Dimensions		Weight (kg)
	kW	HP			I		A	D	
DSD3/7*	0.37	0.5	1x240	3.7	4	1¼	405	709	10
DSD3/10*	0.55	0.75		5.2			482	801	11
DSD3/13*	0.75	1		6.4			559	908	13
DSD3/18*	1.1	1.5		8.8			661	1050	15
DSD 3/22	1.5	2		10.8			821	1260	19
DSD3/30*	2.2	3		15.7			1080	1594	25
			6	1554	23				
DSD3/40	3	4	3x415	8	7		1385	1939	30
DSD3/52	4	5.5	10.7	1745			2374	36	

